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**Hauptfear**

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(54) **CONTROL OF  
N-(PHOSPHONOMETHYL)IMINODIACETIC  
ACID CONVERSION IN MANUFACTURE OF  
GLYPHOSATE**

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CPC ..... **C07F 9/3813** (2013.01); **G01N 31/00**  
(2013.01); **Y10T 436/163333** (2015.01); **Y10T**  
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(58) **Field of Classification Search**  
CPC ..... **Y10T 436/204998**  
See application file for complete search history.

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(57) **ABSTRACT**

This invention relates to the preparation of N-(phosphonomethyl)glycine (“glyphosate”) from N-(phosphonomethyl)iminodiacetic acid (“PMIDA”), and more particularly to methods for control of the conversion of PMIDA, for the identification of reaction end points relating to PMIDA conversion and the preparation of glyphosate products having controlled PMIDA content.

**6 Claims, 20 Drawing Sheets**

